

Amendments to the Specification

Page 2, beginning at line 3, please amend the paragraphs of the specification as follows:

A method for fabricating the conventional heat exchanger is that the refrigerant pipe 102 is extruded, the cooling fins 104 are blanked and inserted to the refrigerant pipe 102, and then an a tube-expanding process is performed to expand a diameter of the refrigerant pipe 102, whereby the cooling ~~pins~~ fins 104 are fixed at the outer circumference of the refrigerant pipe 102.

However, the conventional heat exchanger has the following problems.

That is, because the refrigerant pipe 102 and the cooling ~~pins~~ fins 104 are processed through separate processes and then the cooling ~~pins~~ fins 104 are combined to the refrigerant pipe 102, the fabrication process is complicate and thus a fabrication cost increases.

In addition, because the cooling fin 104 is inserted at the outer circumference of the refrigerant pipe 102, a gap (T) exists between the refrigerant pipe 102 and the cooling ~~pin~~ fin 104, causing degradation of a heat transfer performance.

Especially, when the heat exchanger is used for a freezing device, a freezing phenomenon is generated at the refrigerant pipe 102 and the cooling ~~pin~~ fin 104 due to condensate water, and a defrosting is performed by using a defrosting heater. At this time, as the freezing and defrosting are repeatedly performed at the gap (T) between the refrigerant pipe 102 and the cooling ~~pin~~ fin 104, the gap (T) widens, and thus, the heat transfer performance is more degraded.

Page 3, beginning at line 9, please amend the paragraph of the specification as follows:

Another object of the present invention is to provide a heat exchanger and its fabrication method capable of enhancing a heat transfer performance and lengthening the life span of a heat exchanger by integrally forming a refrigerator pipe and cooling ~~pins~~ fins in the same material.

Page 9, beginning at line 3, please amend the paragraph of the specification as follows:

Third, because the refrigerator pipe and the cooling ~~pins~~ fins are made of the same material, a potential difference corrosion that may be generated between different materials can be prevented, leakage of the refrigerant can be prevented, and the life span of the heat exchanger can be lengthened.